Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
Data File : VU028215.D
Acq On : 17 Nov 2018 04:28
Operator : MD/SY
Sample : J5986-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 17 05:59:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 03:46:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	156602	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	148005	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	70356	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	59345	4.57	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.40%				
7) Chloroethane-d5	1.68	69	49099	4.76	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.20%				
11) 1,1-Dichloroethene-d2	2.28	63	88193	3.63	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.60%				
20) 2-Butanone-d5	4.21	46	211418	56.09	ug/L		0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.18%				
24) Chloroform-d	4.65	84	101095	4.89	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%				
26) 1,2-Dichloroethane-d4	5.31	65	60672	5.26	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.20%				
32) Benzene-d6	5.34	84	215069	5.06	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%				
36) 1,2-Dichloropropane-d6	6.33	67	79063	5.20	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.00%				
41) Toluene-d8	7.57	98	188537	4.77	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%				
43) trans-1,3-Dichloropropene-	7.85	79	22899	4.23	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.60%				
46) 2-Hexanone-d5	8.31	63	162411	52.45	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.90%				
57) 1,1,2,2-Tetrachloroethane-	10.43	84	56947	5.30	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.00%				
64) 1,2-Dichlorobenzene-d4	11.86	152	66360	5.05	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.00%				
Target Compounds							Qvalue
5) Vinyl chloride	1.40	62	4944	0.295	ug/L		86
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	469	0.046	ug/L	#	20
12) 1,1-Dichloroethene	2.28	96	709	0.068	ug/L	#	1
15) Methyl Acetate	2.71	43	15139	2.230	ug/L	#	59
17) Methyl tert-butyl Ether	3.01	73	159015	5.462	ug/L		95
19) 1,1-Dichloroethane	3.44	63	1708	0.073	ug/L	#	82
22) cis-1,2-Dichloroethene	4.23	96	11304	0.926	ug/L		83
25) Chloroform	4.73	83	3200	0.153	ug/L		95
30) Cyclohexane	5.08	56	31012	1.320	ug/L	#	26
33) Benzene	5.39	78	13838	0.278	ug/L		100
34) Trichloroethene	6.19	95	1759	0.143	ug/L		94
35) Methylcyclohexane	6.39	83	1512	0.071	ug/L	#	1
37) 1,2-Dichloropropane	6.33	63	8025	0.582	ug/L	#	92
39) cis-1,3-Dichloropropene	7.22	75	1736	0.093	ug/L	#	1
45) 1,1,2-Trichloroethane	8.04	97	1708	0.205	ug/L	#	14
48) 2-Hexanone	8.38	43	3942	0.583	ug/L	#	55
49) Dibromochloromethane	8.23	129	534	0.060	ug/L	#	11

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
Data File : VU028215.D
Acq On : 17 Nov 2018 04:28
Operator : MD/SY
Sample : J5986-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 17 05:59:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 03:46:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) 1,2,3-Trichloropropane	11.48	75	10753	1.388	ug/L	90
69) Naphthalene	13.55	128	2314	0.083	ug/L #	1

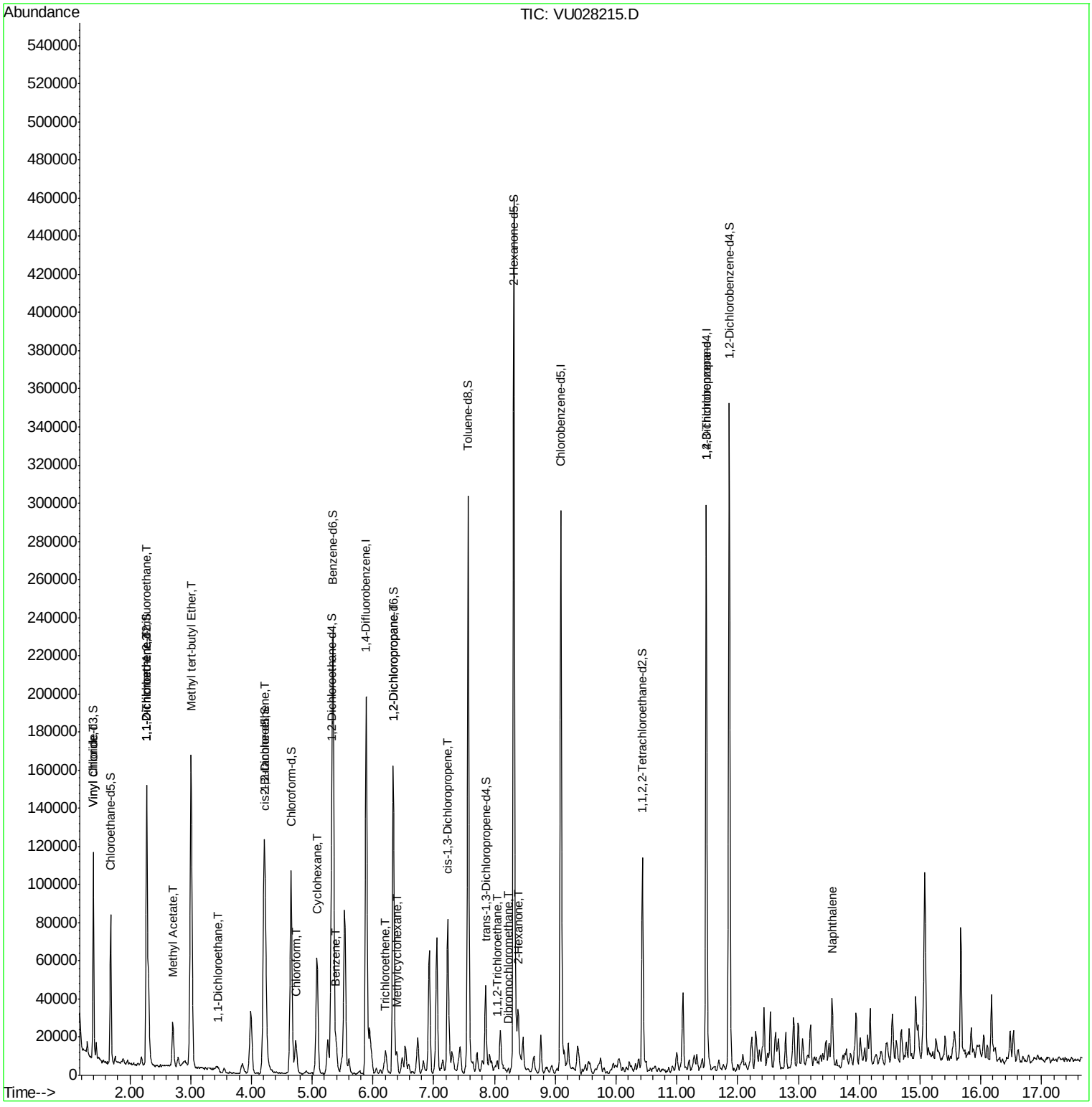
(#) = qualifier out of range (m) = manual integration (+) = signals summed

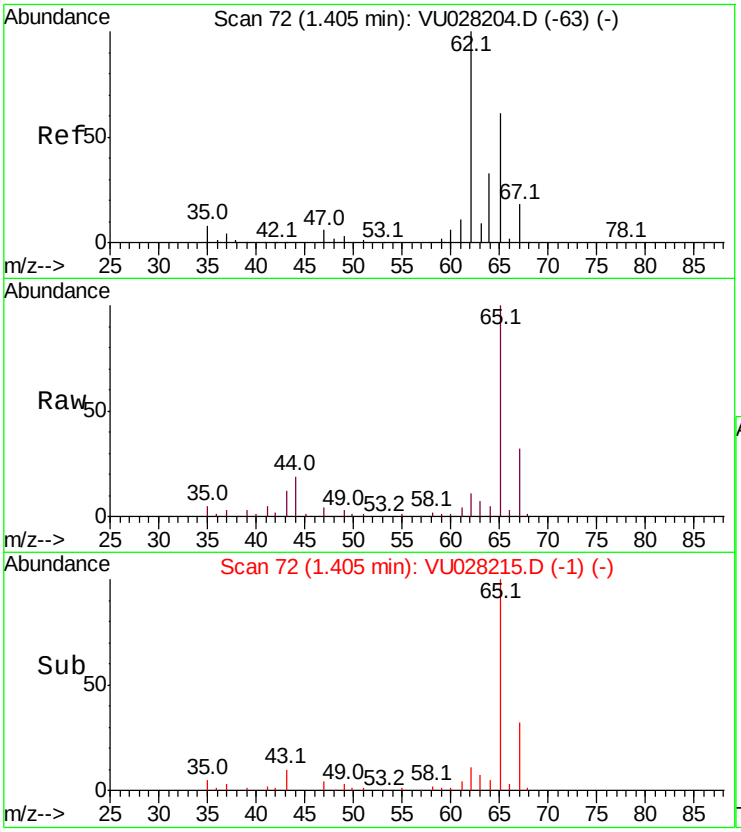
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
Data File : VU028215.D
Acq On : 17 Nov 2018 04:28
Operator : MD/SY
Sample : J5986-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 17 05:59:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 03:46:40 2018
Response via : Initial Calibration



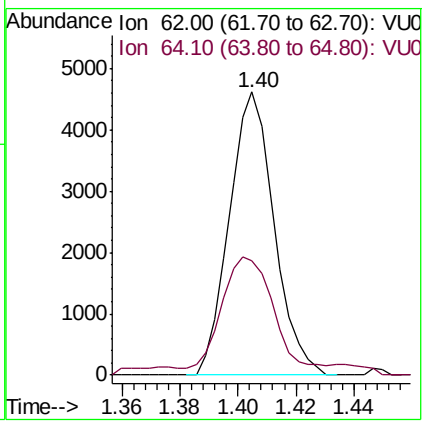


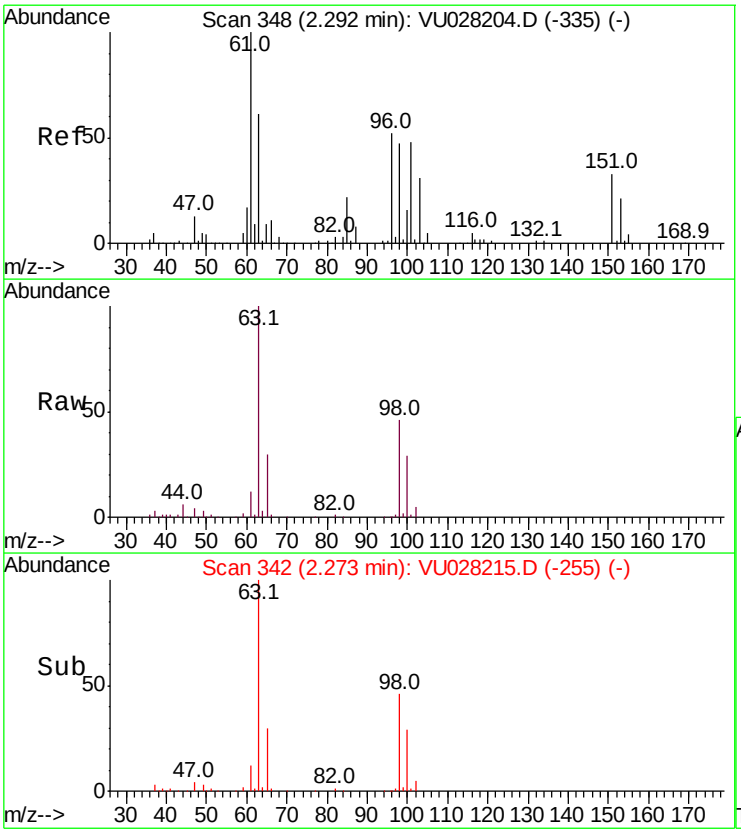
#5
Vinyl chloride
Concen: 0.295 ug/L
RT: 1.40 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU028215.D
Acq: 17 Nov 2018 04:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 4944

Ion	Ratio	Lower	Upper
62	100		
64	40.6	22.7	42.3

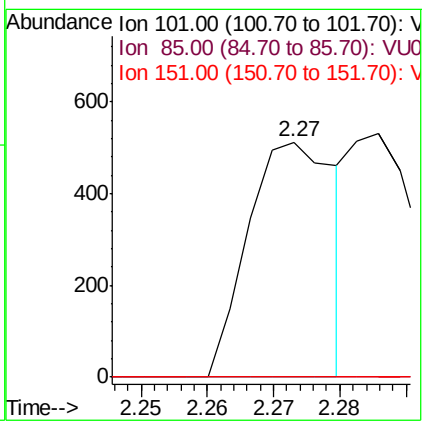


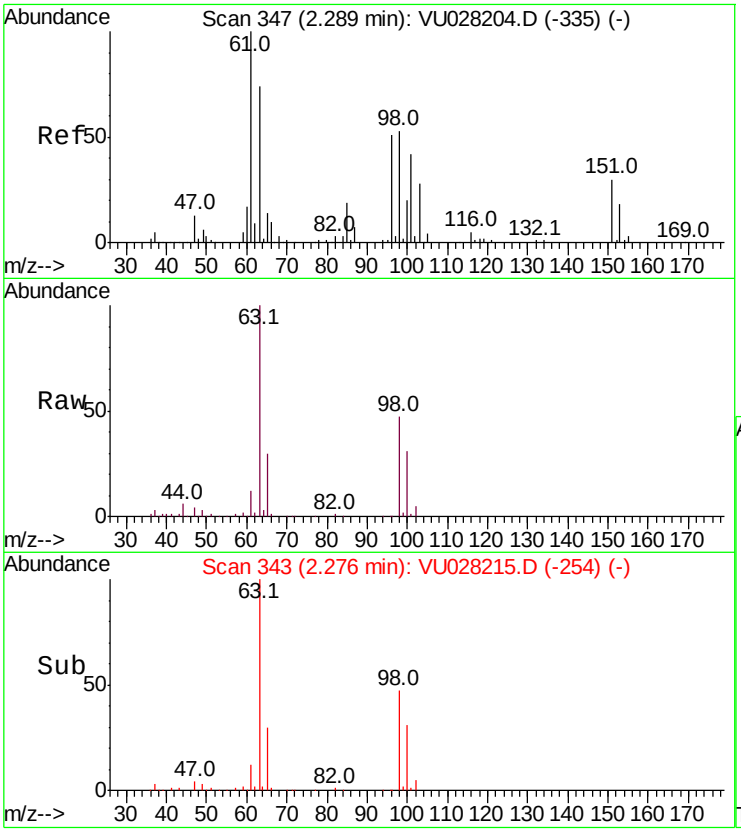


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.046 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.02 min
Lab File: VU028215.D
Acq: 17 Nov 2018 04:28

Tgt Ion:101 Resp: 469

Ion	Ratio	Lower	Upper
101	100		
85	0.0	37.6	56.4#
151	0.0	58.2	87.2#



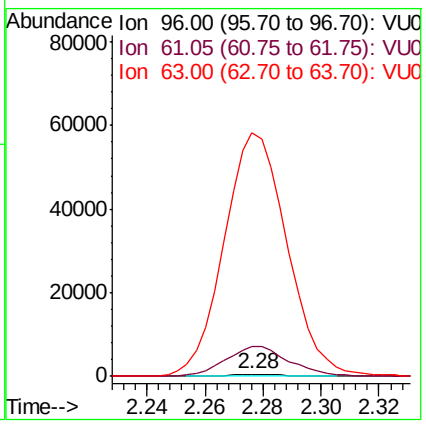


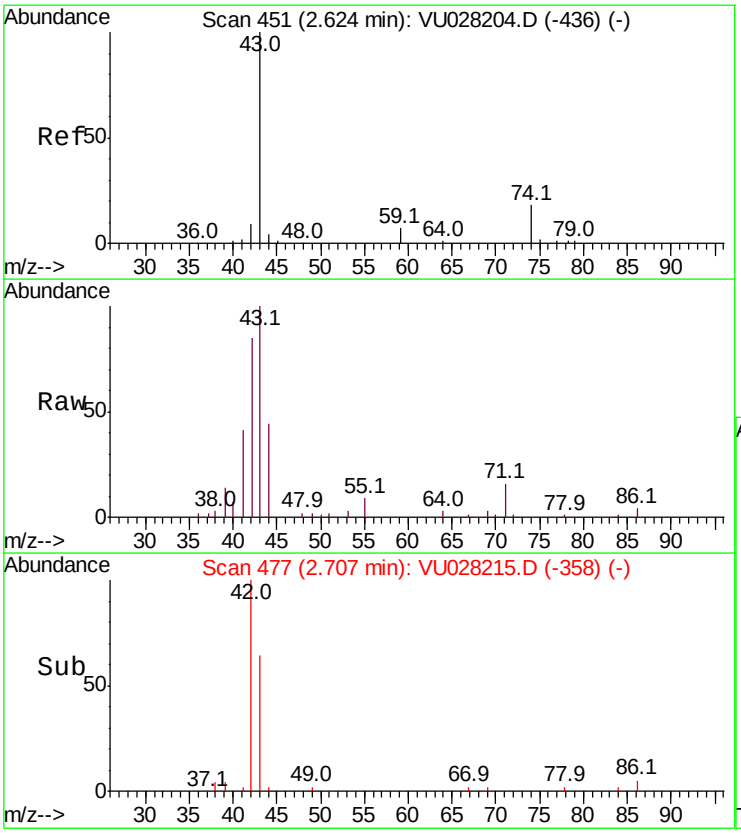
#12
1,1-Dichloroethene
Concen: 0.068 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU028215.D
Acq: 17 Nov 2018 04:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 709

Ion	Ratio	Lower	Upper
96	100		
61	1348.8	134.8	250.3#
63	10923.8	100.1	185.9#

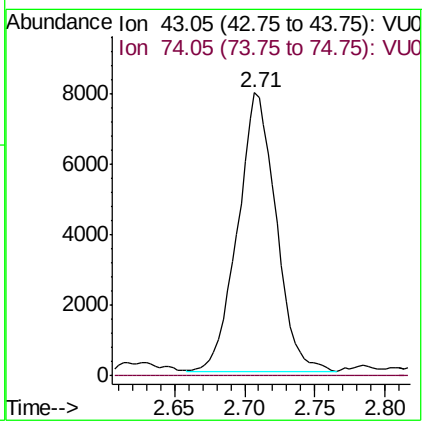


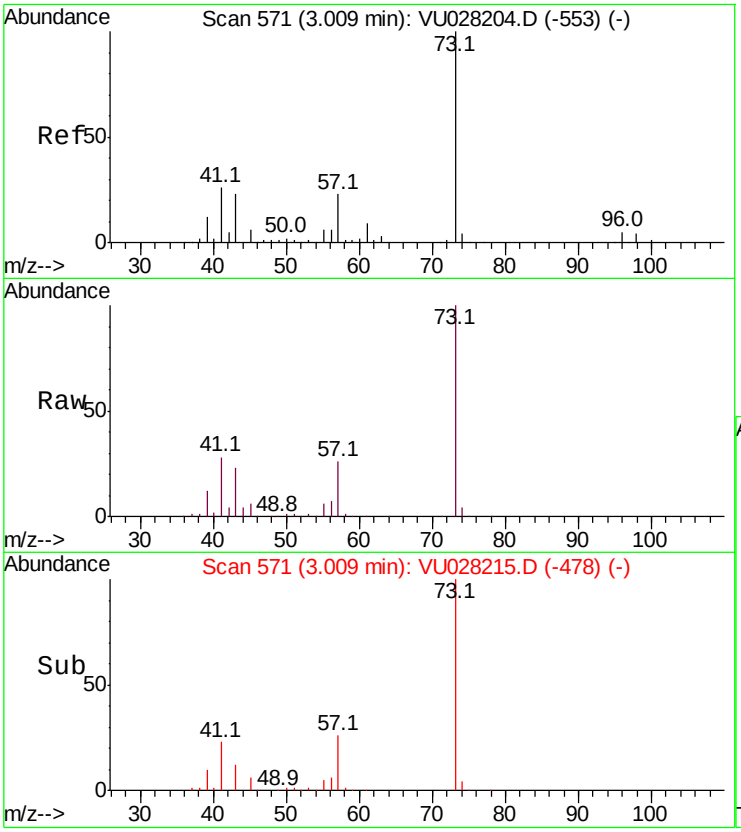


#15
Methyl Acetate
Concen: 2.230 ug/L
RT: 2.71 min Scan# 477
Delta R.T. 0.08 min
Lab File: VU028215.D
Acq: 17 Nov 2018 04:28

Tgt Ion: 43 Resp: 15139

Ion	Ratio	Lower	Upper
43	100		
74	0.1	14.9	22.3#



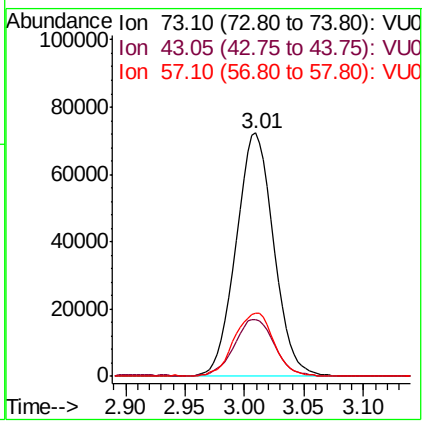


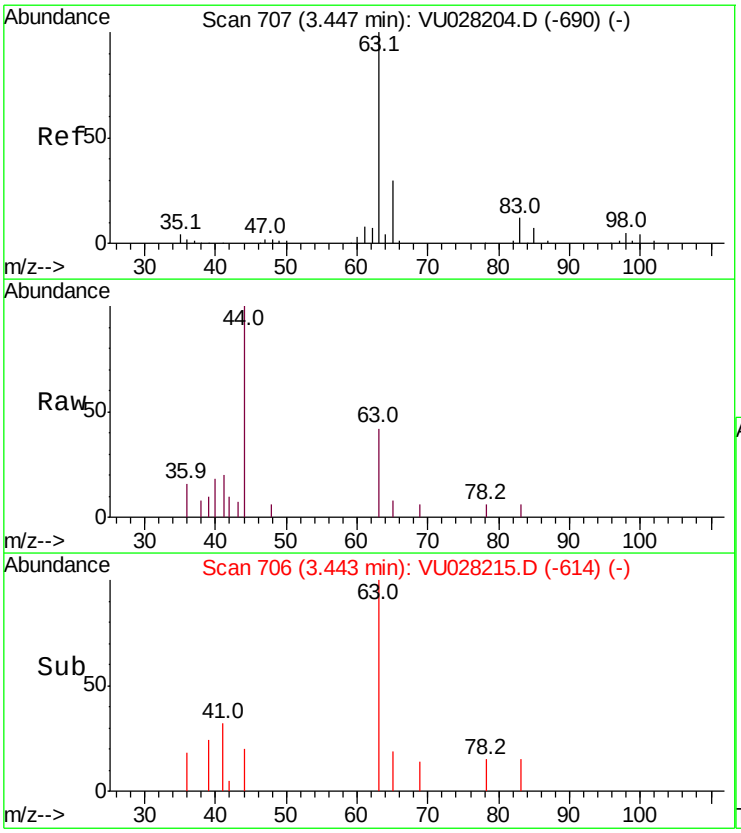
#17
Methyl tert-butyl Ether
Concen: 5.462 ug/L
RT: 3.01 min Scan# 571
Delta R.T. -0.00 min
Lab File: VU028215.D
Acq: 17 Nov 2018 04:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 159015

Ion	Ratio	Lower	Upper
73	100		
43	24.4	18.1	27.1
57	27.6	20.0	30.0

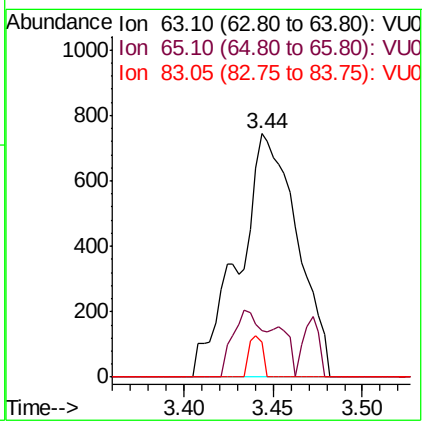


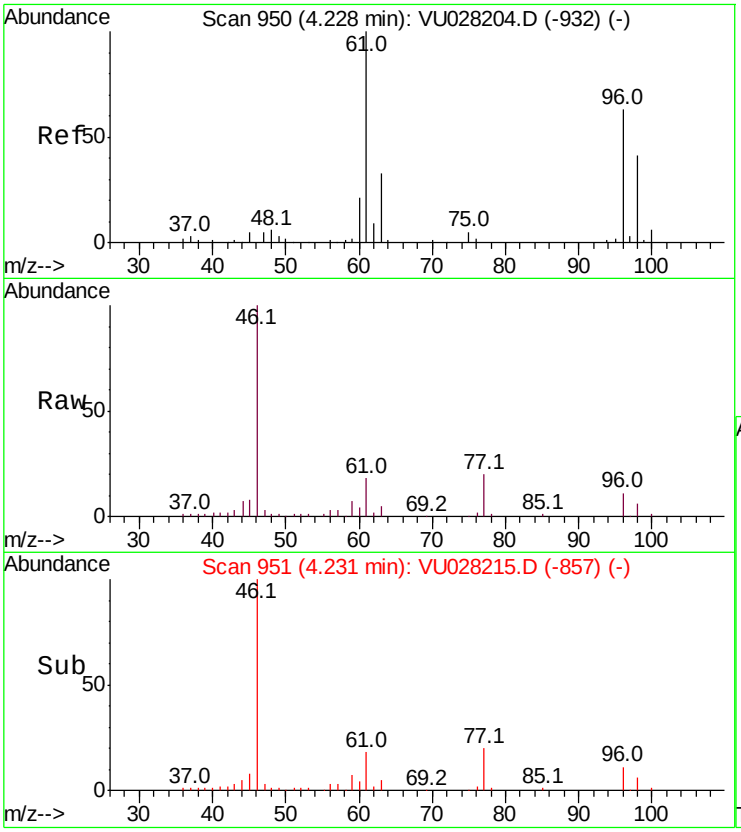


#19
1,1-Dichloroethane
Concen: 0.073 ug/L
RT: 3.44 min Scan# 706
Delta R.T. -0.00 min
Lab File: VU028215.D
Acq: 17 Nov 2018 04:28

Tgt Ion: 63 Resp: 1708

Ion	Ratio	Lower	Upper
63	100		
65	19.0	22.2	41.2#
83	14.7	8.9	16.5



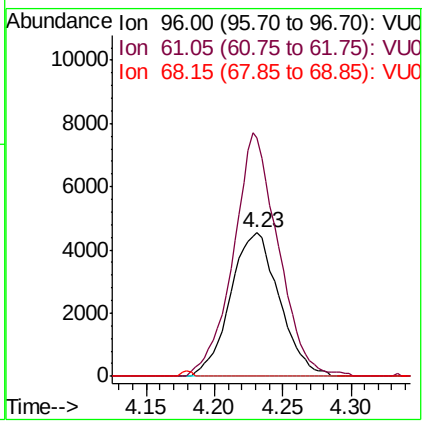


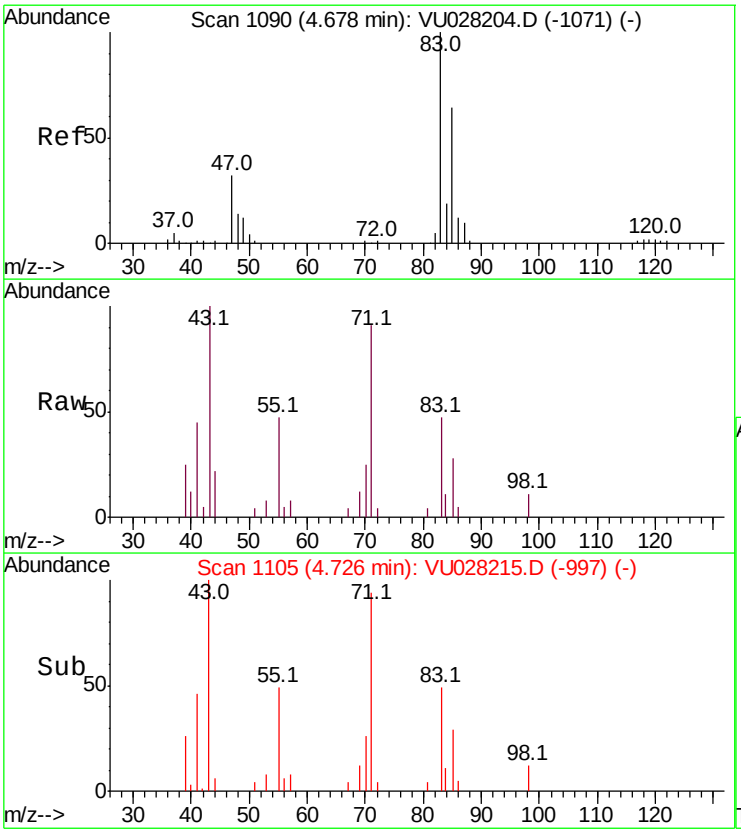
#22
cis-1,2-Dichloroethene
Concen: 0.926 ug/L
RT: 4.23 min Scan# 951
Delta R.T. 0.00 min
Lab File: VU028215.D
Acq: 17 Nov 2018 04:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 11304

Ion	Ratio	Lower	Upper
96	100		
61	167.0	101.8	189.0
68	0.0	0.0	0.0

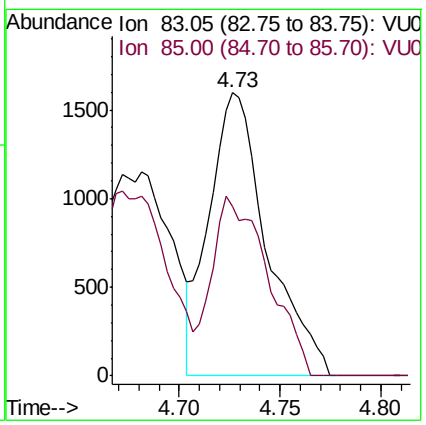


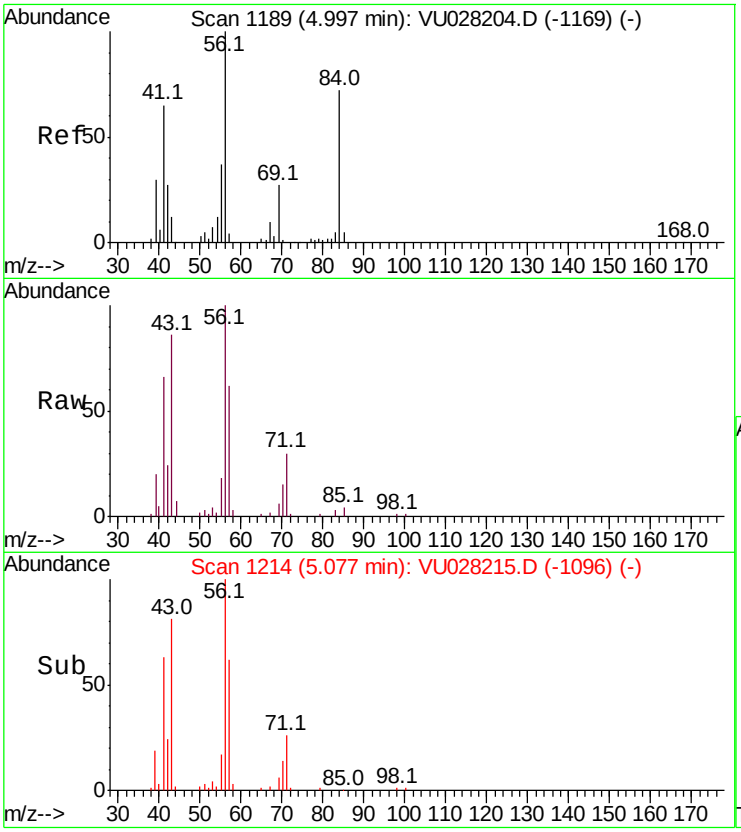


#25
Chloroform
Concen: 0.153 ug/L
RT: 4.73 min Scan# 1105
Delta R.T. 0.05 min
Lab File: VU028215.D
Acq: 17 Nov 2018 04:28

Tgt Ion: 83 Resp: 3200

Ion	Ratio	Lower	Upper
83	100		
85	60.0	45.0	83.6



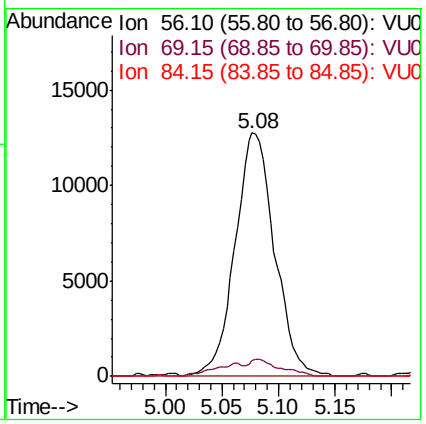


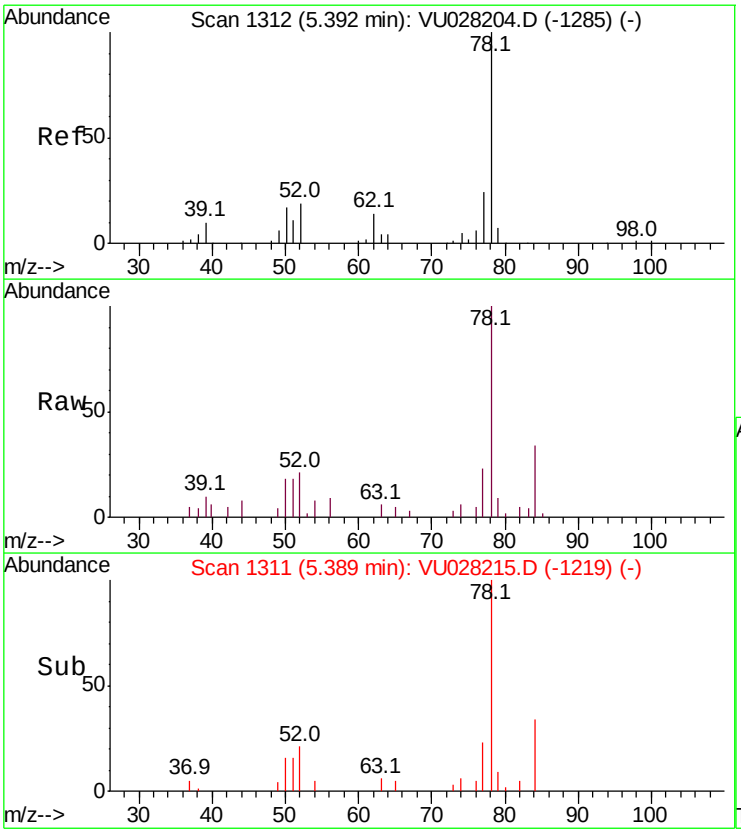
#30
Cyclohexane
Concen: 1.320 ug/L
RT: 5.08 min Scan# 1214
Delta R.T. 0.08 min
Lab File: VU028215.D
Acq: 17 Nov 2018 04:28

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 31012

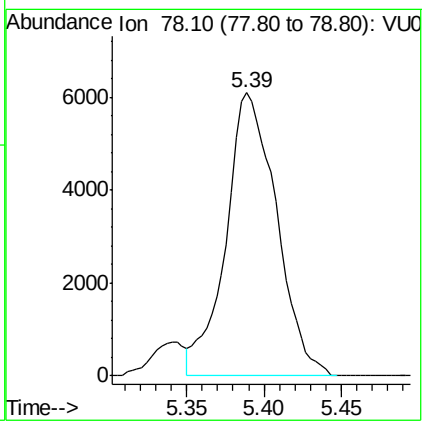
Ion	Ratio	Lower	Upper
56	100		
69	5.4	22.6	33.8#
84	0.0	57.7	86.5#

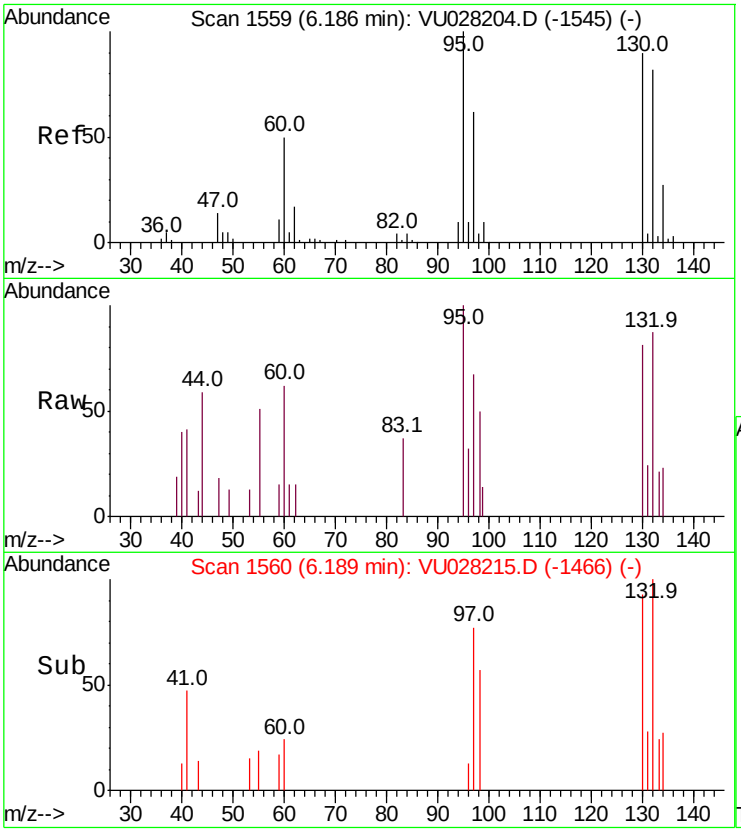




#33
Benzene
Concen: 0.278 ug/L
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU028215.D
Acq: 17 Nov 2018 04:28

Tgt Ion: 78 Resp: 13838



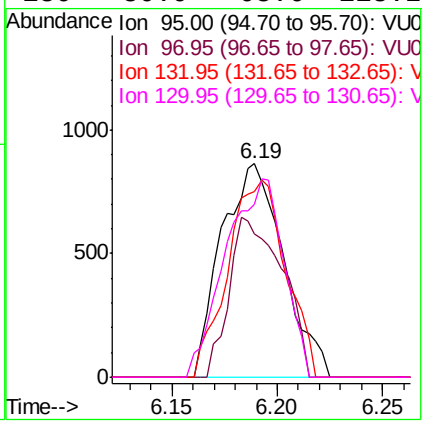


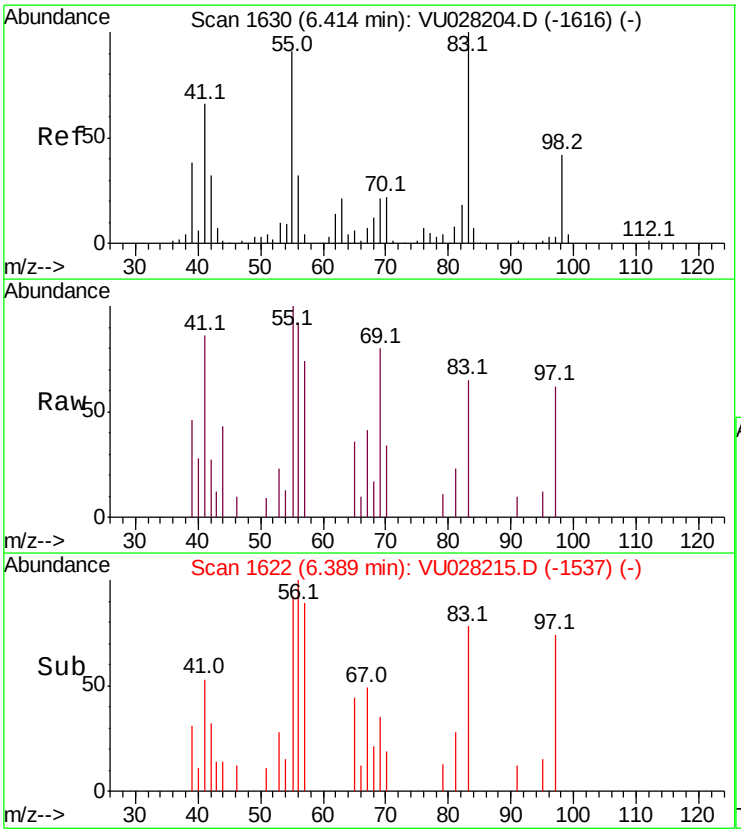
#34
Trichloroethene
Concen: 0.143 ug/L
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU028215.D
Acq: 17 Nov 2018 04:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 1759

Ion	Ratio	Lower	Upper
95	100		
97	66.9	45.3	84.1
132	87.2	63.0	117.0
130	80.9	63.6	118.2

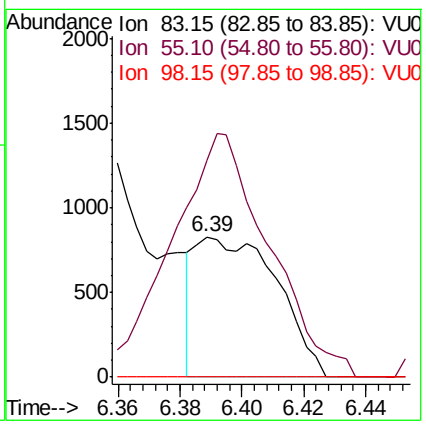


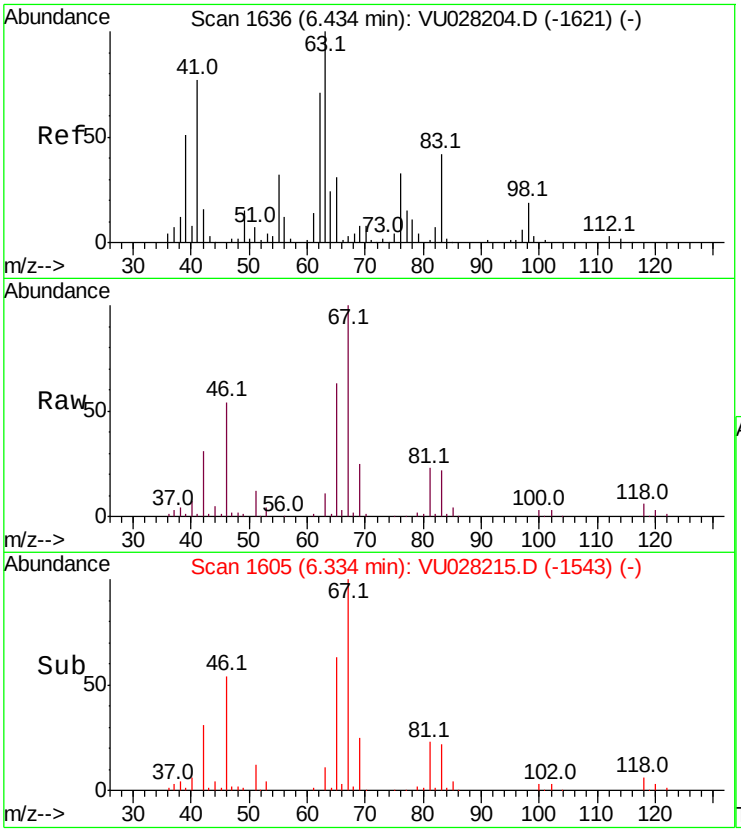


#35
Methylcyclohexane
Concen: 0.071 ug/L
RT: 6.39 min Scan# 1622
Delta R.T. -0.03 min
Lab File: VU028215.D
Acq: 17 Nov 2018 04:28

Tgt Ion: 83 Resp: 1512

Ion	Ratio	Lower	Upper
83	100		
55	209.1	69.0	103.4#
98	0.0	33.3	49.9#



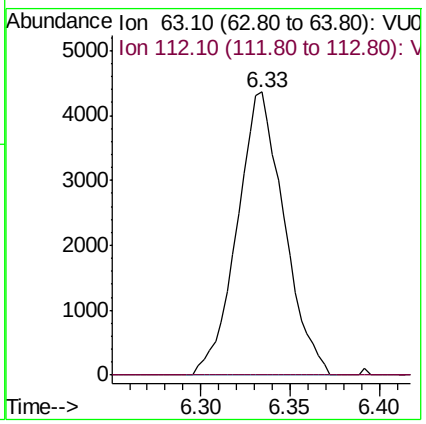


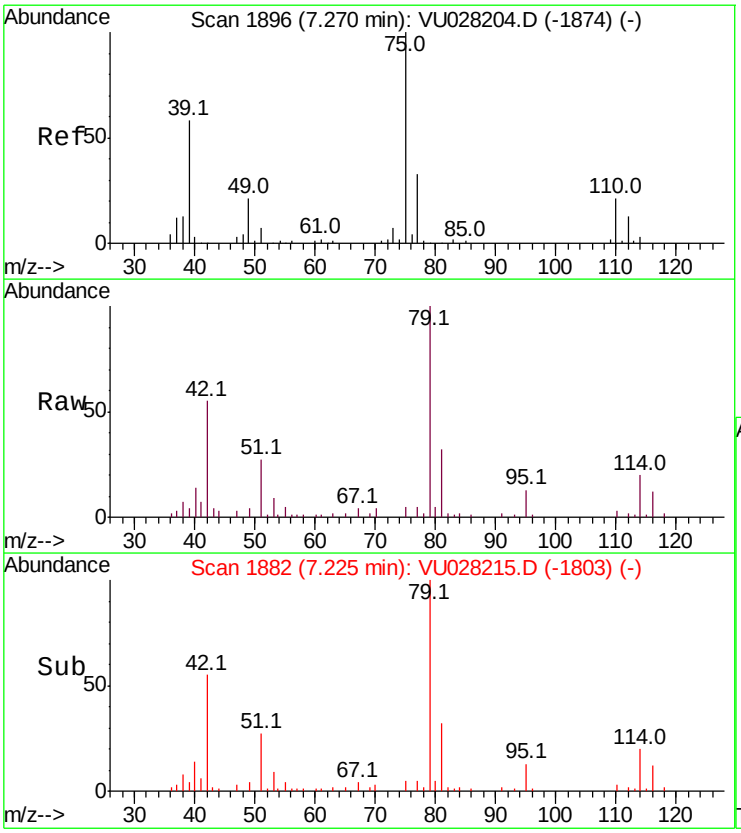
#37
1,2-Dichloropropane
Concen: 0.582 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU028215.D
Acq: 17 Nov 2018 04:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 8025

Ion	Ratio	Lower	Upper
63	100		
112	0.3	2.2	3.4#

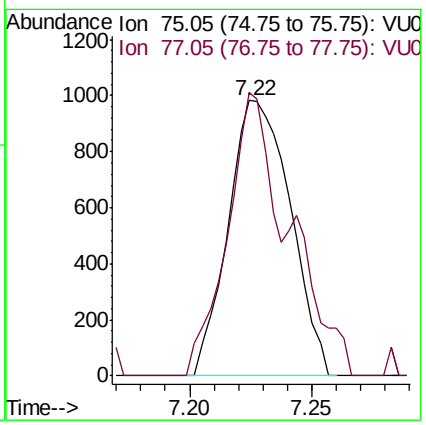


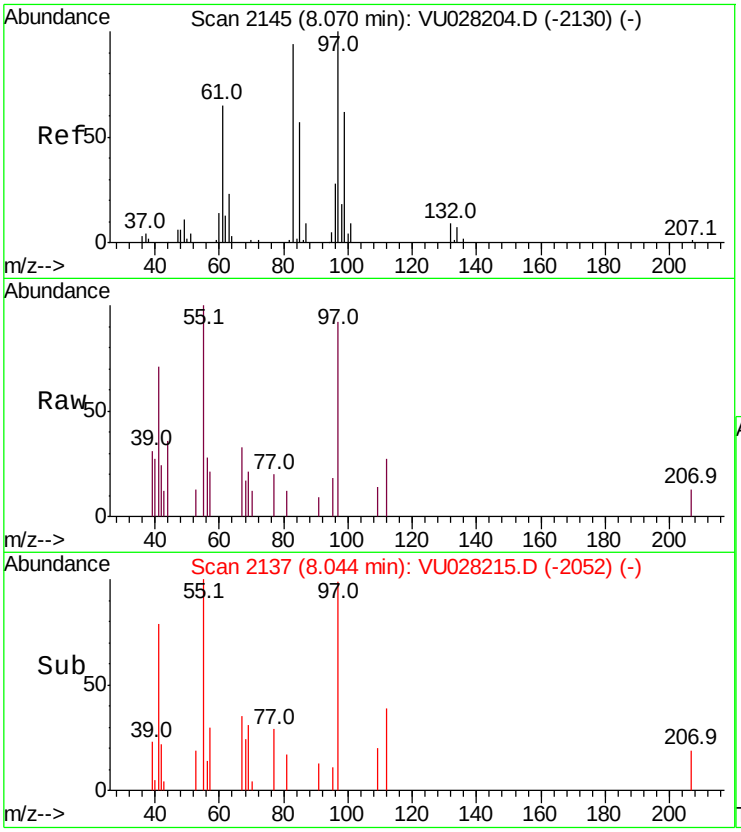


#39
cis-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.05 min
Lab File: VU028215.D
Acq: 17 Nov 2018 04:28

Tgt Ion: 75 Resp: 1736

Ion	Ratio	Lower	Upper
75	100		
77	102.7	20.9	38.9#



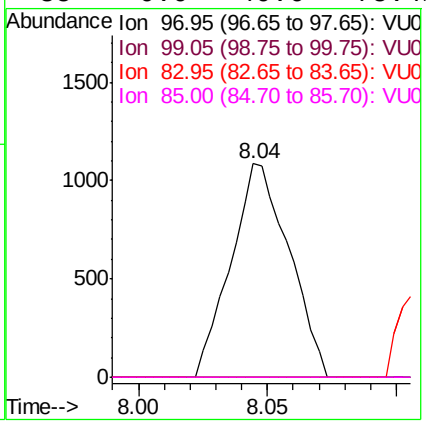


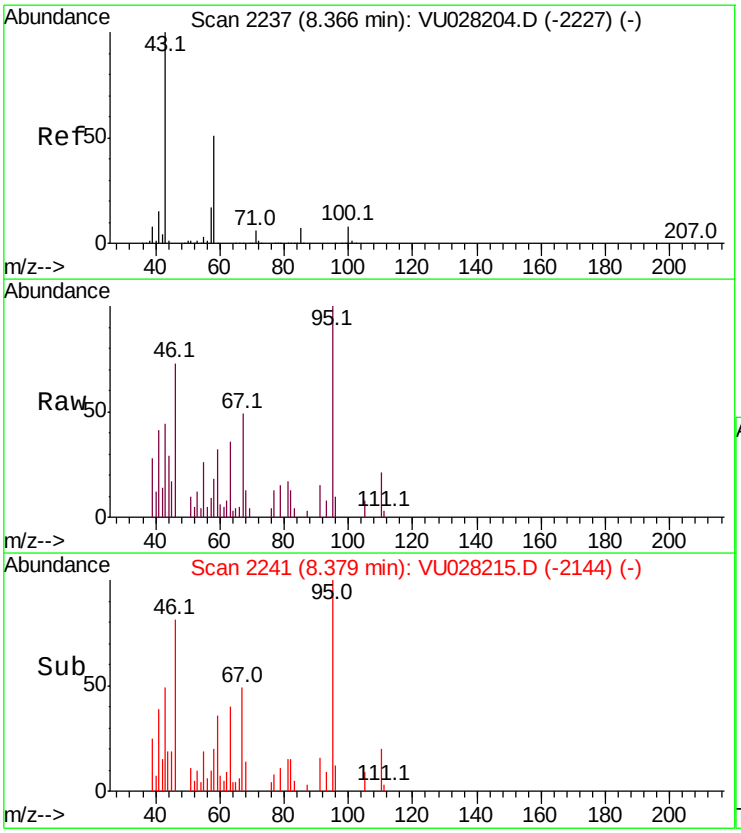
#45
1,1,2-Trichloroethane
Concen: 0.205 ug/L
RT: 8.04 min Scan# 2137
Delta R.T. -0.03 min
Lab File: VU028215.D
Acq: 17 Nov 2018 04:28

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 1708

Ion	Ratio	Lower	Upper
97	100		
99	0.0	42.1	78.1#
83	0.0	63.7	118.3#
85	0.0	40.6	75.4#

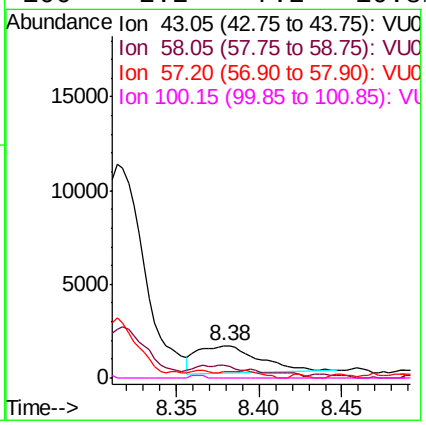


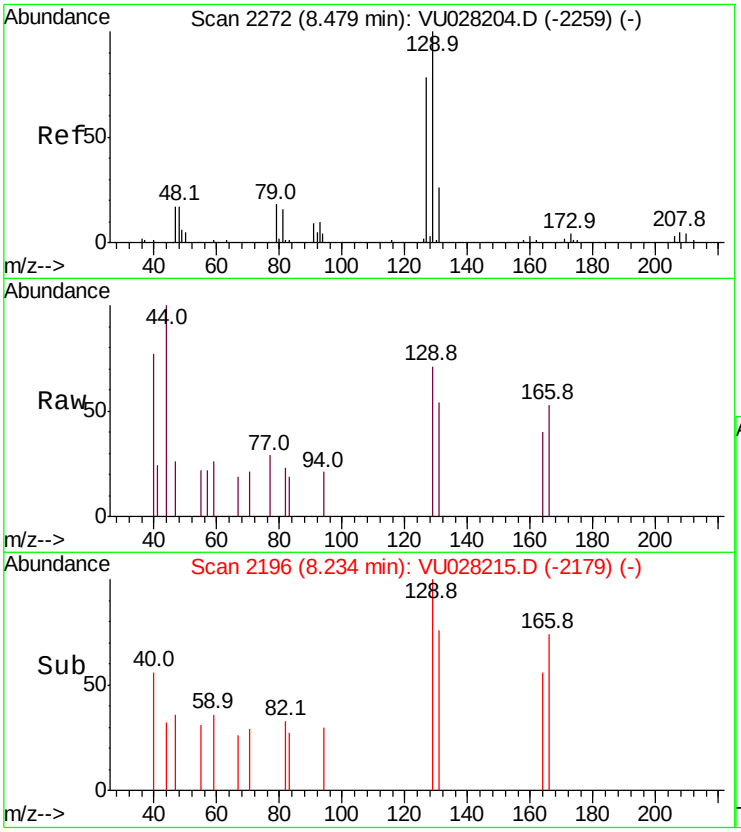


#48
2-Hexanone
Concen: 0.583 ug/L
RT: 8.38 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VU028215.D
Acq: 17 Nov 2018 04:28

Tgt Ion: 43 Resp: 3942

Ion	Ratio	Lower	Upper
43	100		
58	7.1	41.7	62.5#
57	16.0	14.0	21.0
100	2.2	7.2	10.8#



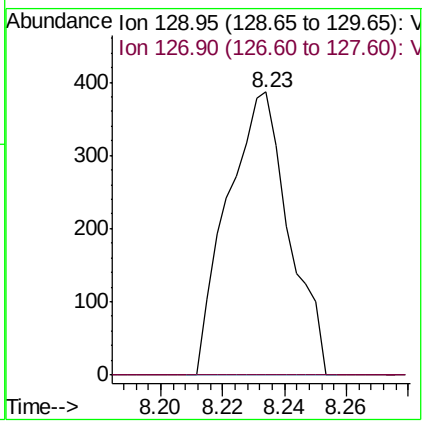


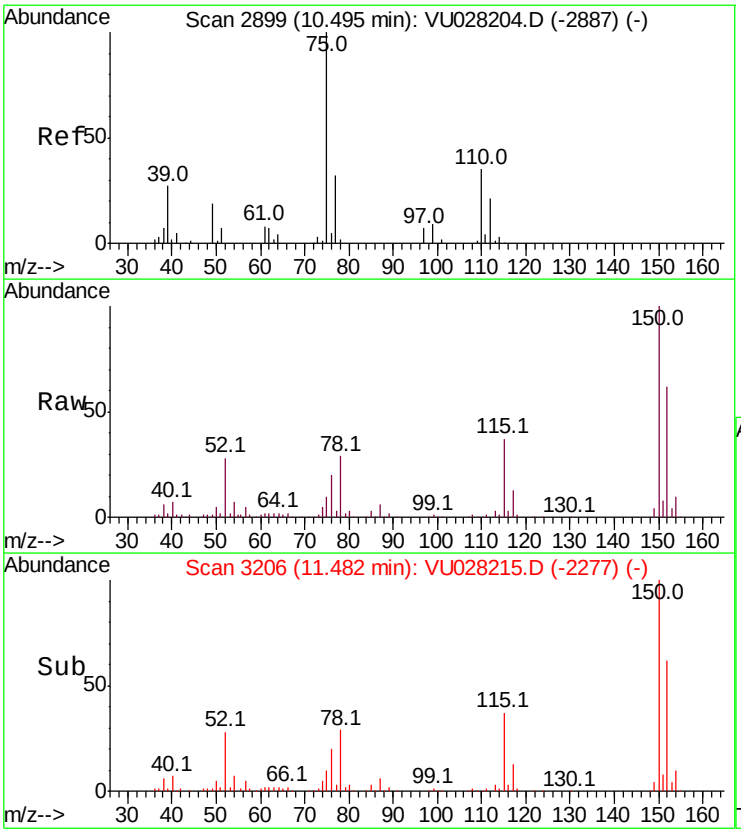
#49
Dibromochloromethane
Concen: 0.060 ug/L
RT: 8.23 min Scan# 2196
Delta R.T. -0.24 min
Lab File: VU028215.D
Acq: 17 Nov 2018 04:28

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 534

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#

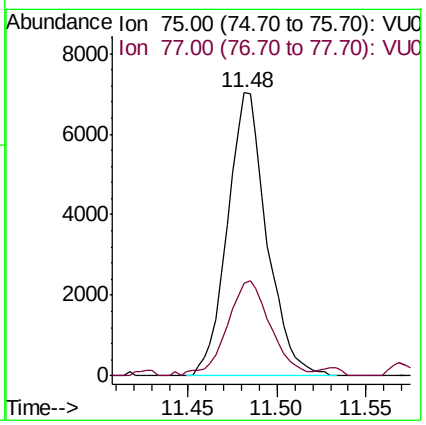


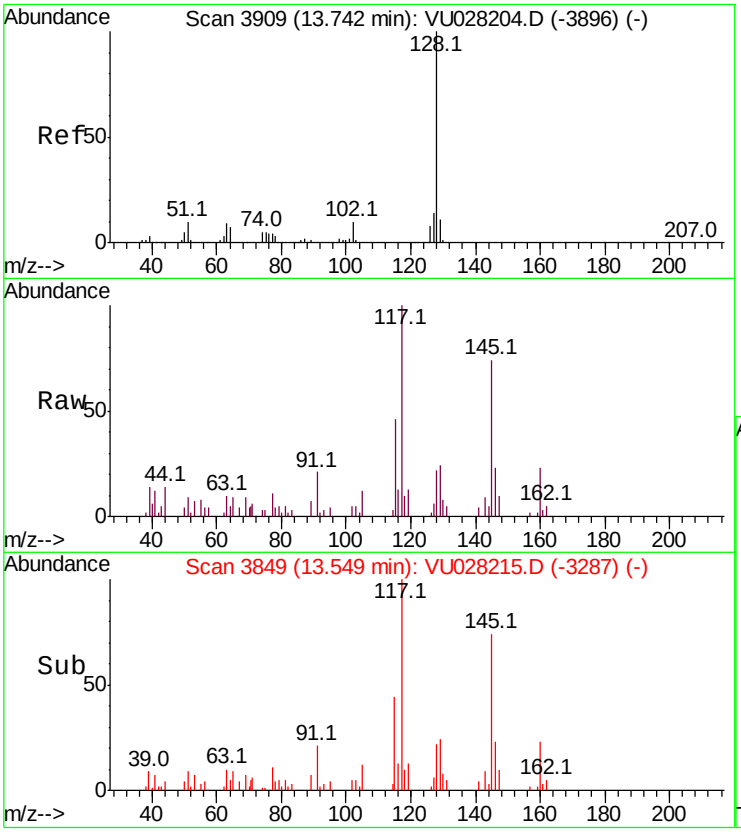


#59
1,2,3-Trichloropropane
Concen: 1.388 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028215.D
Acq: 17 Nov 2018 04:28

Tgt Ion: 75 Resp: 10753

Ion	Ratio	Lower	Upper
75	100		
77	37.2	25.4	38.0





#69
Naphthalene
Concen: 0.083 ug/L
RT: 13.55 min Scan# 3849
Delta R.T. -0.19 min
Lab File: VU028215.D
Acq: 17 Nov 2018 04:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 2314

Ion	Ratio	Lower	Upper
128	100		
129	137.0	8.5	12.7#
127	32.2	10.2	15.4#